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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220			
PCT-199	ACTION as w		ell as, where applicable, item 5 below.			
International application No.	International filing date (day/mon	h/year)	(Earliest) Priority Date (day/month/year)			
PCT/JP2004/006679	12/05/2004	:	15/05/2003			
Applicant						
NISSÁN MOTOR CO., LTD.						
This international Search Report has been according to Article 18. A copy is being tra			hority and is transmitted to the applicant			
This International Search Report consists	of a total ofsl	eets.				
X It is also accompanied by	a copy of each prior art document	cited in this	s report.			
	international search was carried ou ess otherwise indicated under this		sls of the international application in the			
The international this Authority (Ru		s of a trans	lation of the international application furnished to			
b. With regard to any nucleo	otide and/or amino acid sequenc	e disclosed	in the international application, see Box No. I.			
2. Certain claims were fou	nd unsearchable (See Box II).					
3. Unity of invention is lac	king (see Box III).					
4. With regard to the title,			·			
X the text is approved as su	ibmitted by the applicant.					
the text has been establis	shed by this Authority to read as fol	ows:				
i ·						
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5. With regard to the abstract,						
X the text is approved as su	ubmitted by the applicant.					
the text has been establis may, within one month from	shed, according to Rule 38.2(b), by om the date of mailing of this intern	this Author ational sea	rity as it appears in Box No. IV. The applicant rch report, submit comments to this Authority.			
6. With regards to the drawings,						
a. the figure of the drawings to be	published with the abstract is Figure	No1_				
X as suggested by	the applicant.					
1 =	is Authority, because the applicant					
	is Authority, because this figure be	ter charact	erizes the invention.			
b none of the figures is to b	pe published with the abstract.					

INTERNATIONAL SEARCH REPORT

International Application No PCT/JP2004/006679

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H10M8/04 H01M H01M8/10 H01M8/24 H10M8/04 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with Indication, where appropriate, of the relevant passages Relevant to claim No Category ° PATENT ABSTRACTS OF JAPAN Υ 1-33 vol. 2002, no. 11, 6 November 2002 (2002-11-06) & JP 2002 208421 A (DENSO CORP), 26 July 2002 (2002-07-26) cited in the application abstract 1 - 33Y EP 0 716 463 A (TOYOTA MOTOR CO LTD) 12 June 1996 (1996-06-12) * see col. 5, 1.17 - col. 6, 1.5, col.11, 1.1 - 20, claims * the whole document _/_-Further documents are listed in the continuation of box C. Patent family members are listed in annex. Χ Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docu-ments, such combination being obvious to a person skilled other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 26 October 2004 04/11/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Stellmach, J

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